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## Non-Stoner Continuum in the Double Exchange Model

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Exact diagonalization studies of the double exchange model indicate the existence of continuum states in the single-spin-flip channel that overlap the magnons at very low energies ( $\approx 10^{-2} \mathrm{eV}$ ) and extend to high energies ( $\approx \mathrm{eV}$ ). This picture differs dramatically from the prevalent view, where there are the magnons, plus the Stoner continuum at the high energy scale, with nothing in between. The relevance of these new continuum states to inelastic neutron scattering and optical properties is discussed.